



CERTIFICATE OF ANALYSIS

PRODUCT: **Hellebrin**
[3 β - (O4- β -D-Glucopyranosyl- α -L-rhamnopyranosyloxy)-5,14-dihydroxy-19-oxo 5 β ,14- β -bufa-20,22-dienolide]
C₃₆H₅₂O₁₅, M.W. 724.8, CAS# [13289-18-4]

PRODUCT NUMBER: H-1160

LOT NUMBER: A7723

APPEARANCE: White solid

PURITY (HPLC): 99.6%

SOLUBILITY: Soluble in water (4.2 mg/ml)

OTHER DATA: Isolated from *Helleborus sp.*

STORAGE & HANDLING: Keep cool and dry at -20°C. CAUTION: TOXIC!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT